



EPIDEMIOLOGY & SURVEILLANCE

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Influenza Surveillance Report: Collin County* MMWR Week 2 (January 17 - 23, 2021) Influenza Report as of January 29, 2021

Overview

Collin County

- Influenza activity in Collin County is low.
- 0.7% of patient visits to health care facilities were due to influenza-like illness (ILI).
- No influenza-associated pediatric deaths were reported this week. Total this season: 0

Texas

- Influenza activity in Texas is low.
- 1.3% of patient visits to health care facilities were due to ILI, which is below baseline (5.3%).
- No influenza-associated pediatric deaths were reported this week. Total this season: 0

United States

- Influenza activity in the United States is low.
- 1.3% of patient visits to health care facilities were due to ILI, which is below baseline (2.6%).
- No influenza-associated pediatric deaths were reported this week. Total this season: 1.
- 1 human infection with a novel influenza A was reported
 - Influenza A(H3N2) variant (A(H3N2)v) virus detected in a child < 18 years of age, case was not hospitalized, and has completely recovered from their illness, the child lives on a farm with swine present

Influenza Activity

The following tables demonstrate the number of influenza tests performed by healthcare providers and the total number of tests that were positive. The numbers displayed below represent the totals reported by participating healthcare facilities. Table I. displays the number of tests performed and how many of those were positive for the week. Table II. Shows the cumulative totals for the prior weeks and breaks down the current week. Figure I. below displays the number of positive influenza cases for the current 2020-2021 flu season by MMWR week.

Table I. Overview of Individuals Tested for Week 3

Total Tests Performed	Total Positive	Percent Positive
530	3	0.6%

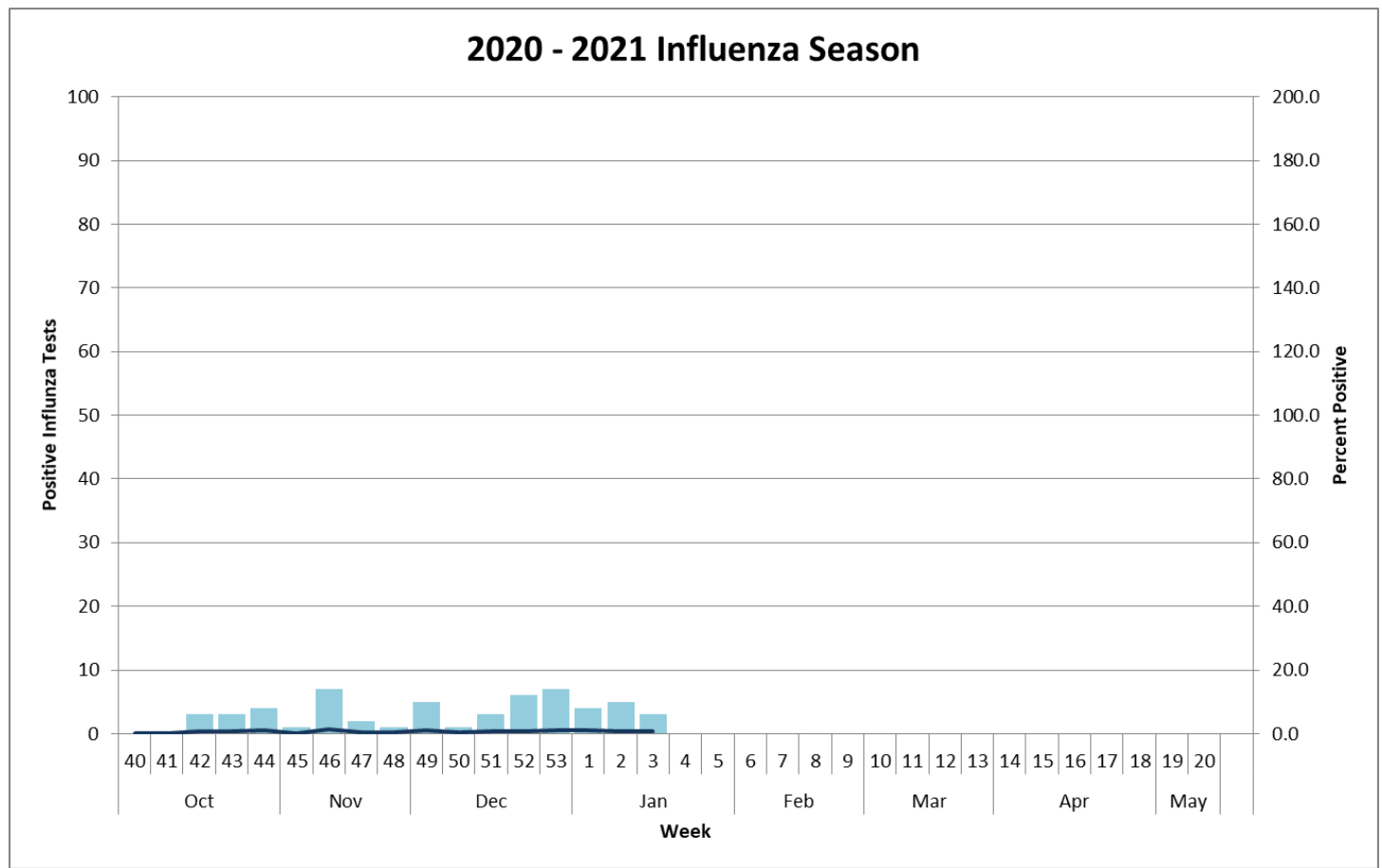
*Reportable in the State of Texas: any outbreak or unusual group expression of influenza, novel influenza and influenza-associated pediatric mortality. All other reporting is voluntary.

Please note, some aspects of influenza surveillance may be affected by current COVID-19 response activities. COVID-19 is affecting healthcare seeking behavior which impacts data used for ILI surveillance.

Table II. Influenza Test Results

	Season to Date	Current Week
Total Individuals Tested	7651	530
Total Positive Tests	55 (0.7%)	3 (0.6%)
Positive Rapid Type A	25 (45.5%)	2 (66.7%)
Positive Rapid Type B	30 (54.5%)	1 (33.3%)
Positive Rapid Type A and B	0 (0.0%)	0 (0.0%)
Positive Rapid Undifferentiated	0 (0.0%)	0 (0.0%)
Positive PCR/Culture Type A	0 (0.0%)	0 (0.0%)
Positive PCR/Culture Type B	0 (0.0%)	0 (0.0%)

Figure I. Number of Positive Influenza Cases for Collin County by MMWR Week



Independent School Districts Influenza Activity

Due to COVID-19 pandemic response efforts Independent School Districts in Collin County did not submit absenteeism surveillance for week 3.

Additional Sources

For more information on influenza and influenza surveillance please visit these helpful sites:

Texas Influenza Information: <http://www.dshs.state.tx.us/idcu/disease/influenza/>

Centers for Disease Control and Prevention: <https://www.cdc.gov/flu/#>

If you have any questions or comments regarding influenza reporting or about this report, please contact:

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Collin County receives influenza activity reports from healthcare providers and schools. Influenza reporting is optional for these facilities. If you are a healthcare provider or school and would like to report influenza activity at your facility please visit our website for reporting forms at http://www.collincountytx.gov/healthcare_services/Pages/influenza.aspx

Information in this report was obtained from:

Centers for Disease Control and Prevention. (29 January, 2021). Weekly U.S. Influenza Surveillance Report Fluview
Retrieved from: <https://www.cdc.gov/flu/weekly/index.htm>

Texas Department of State Health Services. (29 January, 2021). 2021 -2020 Texas Influenza Surveillance Activity
Retrieved from: <https://www.dshs.texas.gov/IDCU/disease/influenza/surveillance/2020-2021.aspx>